

**846**

# **Inventory Inquiry/Advice**

**Functional Group=IB**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

**Administrative correction to supplement title (completed on January 26, 2006).****Notes:**

- 2/390L The REF loop conveys serial number, lot number, and inventory data.
- 2/390 The REF loop conveys serial number, lot number, and inventory data.
- 3/010 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

**Federal Note :**

1. Organizations use this transaction set to inquire about material availability for support of contingency operations, special projects, or other operational requirements.
2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

**DLMS Note:**

1. Organizations use this transaction set to inquire about material availability for support of contingency operations, special projects, or other operational requirements. Integrated Material Managers (IMMs)/Inventory Control Points (ICPs) use this transaction set to respond to material availability inquiries. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DTA, DTB, and DTC.
2. Use a single occurrence of this transaction set to exchange transactions between a single inquiring organization and a single or multiple IMMs/ICPs, or between a single IMM/ICP and a single or multiple inquiring organizations.
3. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at <http://www.dla.mil/j-6/dlms>.
4. This DLMS Supplement contains:
  - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.
  - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
  - c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
  - d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
5. This revision to the DS incorporates Approved DLMS Change (ADC) listed. ADCs are available from the DLMSO website: <http://www.dla.mil/j-6/dlms/Changes>.

- ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code
- ADC 151, Administrative Revisions to DLMS Supplement 846L, Logistics Asset Support and 846S, Logistics Reassignment Storage

## Transfer/Order/Reply (Supply)

## Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 040	CUR	Currency	O	1			
* 050	DTM	Date/Time Reference	O	10			
* 060	REF	Reference Identification	O	12			
* 070	PER	Administrative Communications Contact	O	3			
* 075	MEA	Measurements	O	20			
<b>LOOP ID - N1</b>					<b>5</b>		
080	N1	Name	O	1			Used
* 090	N2	Additional Name Information	O	2			
* 100	N3	Address Information	O	2			
* 110	N4	Geographic Location	O	1			
* 120	REF	Reference Identification	O	12			
* 130	PER	Administrative Communications Contact	O	3			
<b>* LOOP ID - LM</b>					<b>10</b>		
* 140	LM	Code Source Information	O	1			
* 150	LQ	Industry Code	M	100			

## Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - LIN</b>					<b>10000</b>		
010	LIN	Item Identification	M	1			Must use
* 030	PID	Product/Item Description	O	200			
* 040	MEA	Measurements	O	40			
* 050	PKG	Marking, Packaging, Loading	O	25			
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			
* 120	CUR	Currency	O	1			
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			
* 220	SDQ	Destination Quantity	O	500			
* 230	MAN	Marks and Numbers	O	1			
* 235	UIT	Unit Detail	O	5			
* 240	CS	Contract Summary	O	1			
250	DD	Demand Detail	O	>1			Used
* 255	G53	Maintenance Type	O	1			
* 256	PCT	Percent Amounts	O	>1			
257	LDT	Lead Time	O	12			Used
<b>LOOP ID - LM</b>					<b>10</b>		
260	LM	Code Source Information	O	1			Used
270	LQ	Industry Code	M	100			Must use
<b>* LOOP ID - SLN</b>					<b>1000</b>		
* 280	SLN	Subline Item Detail	O	1			
* 290	PID	Product/Item Description	O	200			
* 300	MEA	Measurements	O	40			
* 310	PKG	Marking, Packaging, Loading	O	25			
<b>* LOOP ID - MAN</b>					<b>100</b>		

* 312	MAN	Marks and Numbers	O	1		
* 314	MEA	Measurements	O	40		
<b>LOOP ID - QTY</b>				<b>99</b>		
320	QTY	Quantity	O	1		Used
* 330	UIT	Unit Detail	O	12		
* 340	MEA	Measurements	O	25		
* 350	LDT	Lead Time	O	12		
* 355	DTM	Date/Time Reference	O	10		
<b>* LOOP ID - SCH</b>				<b>25</b>		
* 360	SCH	Line Item Schedule	O	1		
* 370	MEA	Measurements	O	25		
<b>* LOOP ID - LM</b>				<b>≥1</b>		
* 375	LM	Code Source Information	O	1		
* 376	LQ	Industry Code	M	100		
<b>* LOOP ID - LS</b>				<b>1</b>		
* 380	LS	Loop Header	O	1		
<b>* LOOP ID - REF</b>				<b>≥1</b>	<b>N2/390L</b>	
* 390	REF	Reference Identification	O	1		N2/390
* 400	DTM	Date/Time Reference	O	>1		
* 410	N1	Name	O	1		
<b>* LOOP ID - LM</b>				<b>10</b>		
* 420	LM	Code Source Information	O	1		
* 430	LQ	Industry Code	M	100		
* 440	LE	Loop Trailer	M	1		
<b>LOOP ID - N1</b>				<b>200</b>		
450	N1	Name	O	1		Used
* 460	N2	Additional Name Information	O	2		
* 470	N3	Address Information	O	2		
* 480	N4	Geographic Location	O	1		
* 490	REF	Reference Identification	O	12		
* 500	PER	Administrative Communications Contact	O	3		

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 010	CTT	Transaction Totals	O	1		N3/010	
020	SE	Transaction Set Trailer	M	1			Must use

**ST****Transaction Set Header**

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use

To indicate the start of a transaction set and to assign a control number

**Semantics:**

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>				
ST01	143	<b>Transaction Set Identifier Code</b>  <b>Description:</b> Code uniquely identifying a Transaction Set  <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>846</td><td>Inventory Inquiry/Advice</td></tr></table>	<u>Code</u>	<u>Name</u>	846	Inventory Inquiry/Advice	M	ID	3/3	Must use	1
<u>Code</u>	<u>Name</u>										
846	Inventory Inquiry/Advice										
ST02	329	<b>Transaction Set Control Number</b>  <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Federal Note:</b> <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M	AN	4/9	Must use	1				

**BIA**

# Beginning Segment for Inventory Inquiry/Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**User Option (Usage):** Must use

To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

**Semantics:**

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>								
BIA01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>Original</td></tr><tr><td>77</td><td>Simulation Exercise</td></tr></table> <b>DLMS Note:</b> <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	<u>Code</u>	<u>Name</u>	00	Original	77	Simulation Exercise	M	ID	2/2	Must use	1		
<u>Code</u>	<u>Name</u>														
00	Original														
77	Simulation Exercise														
BIA02	755	<b>Report Type Code</b> <b>Description:</b> Code indicating the title or contents of a document, report or supporting item <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>TA</td><td>Asset Support Inquiry</td></tr></table> <b>DLMS Note:</b> <i>Use to identify a Logistics Asset Support Estimate (LASE) inquiry.</i> <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>TB</td><td>Asset Support Advice</td></tr></table> <b>DLMS Note:</b> <i>Use to identify a LASE response.</i>	<u>Code</u>	<u>Name</u>	TA	Asset Support Inquiry	<u>Code</u>	<u>Name</u>	TB	Asset Support Advice	M	ID	2/2	Must use	1
<u>Code</u>	<u>Name</u>														
TA	Asset Support Inquiry														
<u>Code</u>	<u>Name</u>														
TB	Asset Support Advice														
BIA03	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Federal Note:</b> Use Code "Z" for this data element to satisfy mandatory X12 requirements.	M	AN	1/30	Must use	1								
BIA04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Federal Note:</b> This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC). <b>DLMS Note:</b> DLMS enhancement; see introductory DLMS note 4a.	M	DT	8/8	Must use	1								

BIA05	337	<div><div><div>Time</div><div><p><b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p><p><b>Federal Note:</b> 1. Express the originating activity's time of transaction set preparation in UTC.</p><p>2. Express the time in a four-position (HHMM) format.</p></div></div></div>	O	TM	4/8	Used	1
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**N1****Name**

<b>Pos: 080</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

To identify a party by type of organization, name, and code

**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

**Comments:**

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

**Federal Note:***Must use this 1/N1/080 loop to identify the organization originating the transaction set.***Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>1. Use only one of codes 33 or Z4.</i>  <i>2. For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		<b>Code</b> 33 Inquiry Address <b>DLMS Note:</b> <i>Use to indicate the activity submitting the asset support request.</i>					
		Z4 Owning Inventory Control Point					
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used	1
		<b>Code</b> 1 D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i>					
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i>					
		10 Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i>					
		M4 Department of Defense Routing Identifier Code (RIC)					

**DLMS Note:**

1. *Future Streamlined data; see introductory DLMS note 4c.*

2. *The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.*

N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used	1
N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	O	ID	2/3	Used	1

<u>Code</u>	<u>Name</u>
FR	Message From
<b>Federal Note:</b> <i>Must use in conjunction with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.</i>	



LIN	Item Identification	Pos: 010	Max: 1
		Detail - Mandatory	
		Loop: LIN	Elements: 8

**User Option (Usage):** Must use

To specify basic item identification data

### Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

### Semantics:

1. LIN01 is the line item identification

### Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

### DLMS Note:

*Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the LASE.*

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	<b>Product/Service ID Qualifier</b>  <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>1. Use only one of codes A1, A2, A4, FB, FS, FT, MG or YP to identify the material. Must use National Stock Number (NSN) (code FS) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number.</i>  <i>2. For DLMS use only the following codes are authorized.</i>	M	ID	2/2	Must use	1

<b>Code</b>	<b>Name</b>
A1	Plant Equipment Number <b>DLMS Note:</b> <i>Use to identify plant equipment.</i>
A2	Department of Defense Identification Code (DoDIC) <b>DLMS Note:</b> <i>1. Use to identify ammunition items.</i>  <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>
A4	Subsistence Identification Number <b>DLMS Note:</b> <i>Use to identify subsistence items.</i>
F4	Series Identifier <b>DLMS Note:</b> <i>Use to identify the manufacturer's series number of the end item.</i>
FB	Form Number <b>DLMS Note:</b> <i>1. Use to identify the form stock number.</i>  <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>
FS	National Stock Number <b>DLMS Note:</b> <i>Must use the NSN when known.</i>
MG	Manufacturer's Part Number <b>DLMS Note:</b> <i>Use to identify the manufacturer's part number of the end item.</i>
MN	Model Number <b>DLMS Note:</b> <i>Use to identify the manufacturer's model number of the end item.</i>
SN	Serial Number <b>DLMS Note:</b> <i>Use to identify the manufacturer's serial number of the end item.</i>
YP	Publication Number <b>DLMS Note:</b> <i>1. Use to identify the publication stock number.</i>  <i>2. DLMS enhancement; see introductory DLMS note 4a.</i>

LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Must use	1
		<b>Description:</b> Identifying number for a product or service					
LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<b>Federal Note:</b> Use any code.					
		<b>DLMS Note:</b> 1. When LIN02 is code MG, must use LIN04 code ZB.					
		2. In LASE responses, if providing a preferred item, use only one of codes SR, SW (must use NSN if known), XA or XP to identify the item. Use LIN04-05 if LIN02 is any code except MG. If LIN02 is code MG (LIN04 is code ZB), identify one of the codes (SR, SW, XA or XP) in LIN06-07.					
		3. When providing a preferred item identification through its manufacturer's part number (code XA), must also use code ZB in the following LIN					

pair (use either LIN06-07 or LIN08-09 as needed).

4. For DLMS use only the following codes are authorized.

<u>Code</u>	<u>Name</u>
SR	Substitute Product Number <b>DLMS Note:</b> 1. Use with LIN02 code A2 to identify a preferred ammunition item. 2. DLMS enhancement; see introductory DLMS note 4a.
SW	Stock Number <b>DLMS Note:</b> Use with LIN02 code A4 to identify a preferred subsistence item.
XA	Preferred Part Number <b>DLMS Note:</b> Use with LIN02 code MG to identify a preferred manufacturer's part number.
XP	Preferred National Stock Number <b>DLMS Note:</b> 1. Use with LIN02 code FS to identify the preferred NSN. 2. DLMS enhancement; see introductory DLMS note 4a.
ZB	Commercial and Government Entity (CAGE) Code <b>DLMS Note:</b> 1. Use with LIN02 code MG to uniquely identify a manufacturer's part number. 2. DLMS enhancement; see introductory DLMS note 4a.

LIN05	234	<b>Product/Service ID</b>	X	AN	1/48	Used	1
<b>Description:</b> Identifying number for a product or service							

LIN06	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
<b>Federal Note:</b> Use any code.							
<b>DLMS Note:</b> 1. When providing a preferred item, also use one of codes SR, SW, XA, or XP, for LASE responses. Must use the National Stock Number (NSN) when known.							
2. For DLMS use only the following codes are authorized.							

<u>Code</u>	<u>Name</u>
SR	Substitute Product Number <b>DLMS Note:</b> 1. Use as needed to identify a preferred ammunition item. 2. DLMS enhancement; see introductory DLMS note 4a.
SW	Stock Number <b>DLMS Note:</b> Use as needed to identify a preferred subsistence item.
XA	Preferred Part Number <b>DLMS Note:</b> Use as needed to identify a preferred manufacturer's part number.
XP	Preferred National Stock Number <b>DLMS Note:</b> Use as needed to identify the preferred NSN.

LIN07	234	<b>Product/Service ID</b>	X	AN	1/48	Used	1
		<b>Description:</b> Identifying number for a product or service					
LIN08	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used	1
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<b>Federal Note:</b> Use any code.					
		<b>DLMS Note:</b> For DLMS use only the following codes are authorized.					
		<b><u>Code</u></b>	<b><u>Name</u></b>				
		ZB	Commercial and Government Entity (CAGE) Code				
			<b>DLMS Note:</b>				
			Use with LIN06 code XA to uniquely identify a manufacturer's part number.				
LIN09	234	<b>Product/Service ID</b>	X	AN	1/48	Used	1
		<b>Description:</b> Identifying number for a product or service					

# DTM

## Date/Time Reference

<b>Pos: 100</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: LIN</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

To specify pertinent dates and times

**Syntax Rules:**

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

**Federal Note:**

1. Must use one repetition to identify the date of transaction preparation.
2. Use additional repetitions, as needed to identify dates associated with the transaction.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
DTM01	374	<b>Date/Time Qualifier</b>  <b>Description:</b> Code specifying type of date or time, or both date and time <b>Federal Note:</b> Use any code. <b>DLMS Note:</b> For DLMS use only the following codes are authorized.	M	ID	3/3	Must use	1
		<b>Code</b>		<b>Name</b>			
		065		1st Schedule Delivery			
				<b>DLMS Note:</b> Use for LASE responses to identify the date when the first scheduled delivery of due-in material will occur.			
		097		Transaction Creation			
				<b>DLMS Note:</b> Must use to identify the date of transaction preparation.			
		600		As Of			
				<b>DLMS Note:</b> Use for LASE responses to identify the date when the aggregate quantity of material dues-in will be sufficient to satisfy current backorders plus demands forecasted to occur during the interim period from the current date to the date when cumulative assets exceed cumulative anticipated demands plus current backorders.			
DTM02	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD	X	DT	8/8	Used	1

REF

Reference Identification

Pos: 140

Max: >1

Detail - Optional

Loop: LIN

Elements: 2

User Option (Usage): Used

To specify identifying information

Syntax Rules:

- 1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

- 1. REF04 contains data relating to the value cited in REF02.

Federal Note:  
*Must use to identify the transaction number.*

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>				
REF01	128	<div><b>Reference Identification Qualifier</b></div> <div><b>Description:</b> Code qualifying the Reference Identification</div> <div><b>Federal Note:</b> <i>Use any code.</i></div> <div><b>DLMS Note:</b> <i>For DLMS use, only the following code is authorized.</i></div> <div><table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>TN</td><td>Transaction Reference Number</td></tr></table></div>	<u>Code</u>	<u>Name</u>	TN	Transaction Reference Number	M	ID	2/3	Must use	1
<u>Code</u>	<u>Name</u>										
TN	Transaction Reference Number										
REF02	127	<div><b>Reference Identification</b></div> <div><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</div>	X	AN	1/30	Used	1				

DD

Demand Detail

Pos: 250

Detail - Optional

Loop: LIN

Max: >1

Elements: 4

User Option (Usage): Used

To describe the type of demand and the intended use of material

Syntax Rules:

- 1. C0201 - If DD02 is present, then DD01 is required.
- 2. P030405 - If either DD03, DD04 or DD05 are present, then the others are required.
- 3. C0605 - If DD06 is present, then DD05 is required.
- 4. C1009 - If DD10 is present, then DD09 is required.

Semantics:

- 1. DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

DLMS Note:

Use as needed for LASE inquiries only to identify the weapon system associated with the required material.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DD03	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <div><div><div>Code</div><div>W2</div></div><div><div>Name</div><div>Weapon System Number</div><div>DLMS Note: 1. Use to identify the applicable weapon system designator code. 2. DLMS enhancement; see introductory DLMS note 4a.</div></div></div>	X	ID	2/3	Used	1
DD04	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used	1
DD05	1271	<b>Industry Code</b> <b>Description:</b> Code indicating a code from a specific industry code list	X	AN	1/30	Used	1
DD06	1270	<b>Code List Qualifier Code</b> <b>Description:</b> Code identifying a specific industry code list <div><div><div>Code</div><div>71</div></div><div><div>Name</div><div>Service and Agency Code</div><div>DLMS Note:</div></div></div>	O	ID	1/3	Used	1

- 1. Use to identify the Service code associated with the weapon system for which logistics asset support is requested.*
- 2. DLMS enhancement; see introductory DLMS note 4a.*



LDT

Lead Time

Pos: 257

Max: 12

Detail - Optional

Loop: LIN

Elements: 3

User Option (Usage): Used

To specify lead time for availability of products and services

Semantics:

1. LDT04 is the effective date of lead time information.

Comments:

1. LDT02 is the quantity of unit of time periods.

Federal Note:

Use as needed in asset status responses to indicate the procurement lead time.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LDT01	345	Lead Time Code	M	ID	2/2	Must use	1
<b>Description:</b> Code indicating the time range							
		<u>Code</u>	<u>Name</u>				
		AF	From date of PO receipt to delivery				
		<b>DLMS Note:</b> Use to identify the procurement lead time defined as the interval in months between initiation of procurement action and receipt into the supply system of the production model (excludes prototypes) purchased as a result of such actions.					
LDT02	380	Quantity	M	R	1/15	Must use	1
<b>Description:</b> Numeric value of quantity							
		<b>DLMS Note:</b> A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See introductory DLMS note 4d.					
LDT03	344	Unit of Time Period or Interval	M	ID	2/2	Must use	1
<b>Description:</b> Code indicating the time period or interval							
		<u>Code</u>	<u>Name</u>				
		MO	Month				

LM

Code Source Information

Pos: 260

Max: 1

Detail - Optional

Loop: LM

Elements: 1

User Option (Usage): Used

To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

**Federal Note:**

*Must use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.*

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
<b>Description:</b> Code identifying the agency assigning the code values							
		<u>Code</u>	<u>Name</u>				
		DF	Department of Defense (DoD)				

**LQ****Industry Code**

<b>Pos: 270</b>	<b>Max: 100</b>
<b>Detail - Mandatory</b>	
<b>Loop: LM</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use

Code to transmit standard industry codes

**Syntax Rules:**

1. C0102 - If LQ01 is present, then LQ02 is required.

**Federal Note:***Use to identify codes, as appropriate, consistent with management information requirements.***Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	<b>Code List Qualifier Code</b>	O	ID	1/3	Used	1
		<b>Description:</b> Code identifying a specific industry code list <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>For DLMS use, only the following codes are authorized.</i>					
		<b>Code</b>	<b>Name</b>				
		0	Document Identification Code				
			<b>DLMS Note:</b> 1. Future Streamlined data; see introductory DLMS note 4c.  2. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.				
		78	Project Code				
			<b>DLMS Note:</b> <i>This code is significant only to the originator.</i>				
		A9	Supplemental Data				
			<b>DLMS Note:</b> 1. Use to identify supplemental address/data.  2. Future streamlined data; see introductory DLMS note 4c.				
		AD	Acquisition Advice Code				
			<b>DLMS Note:</b> <i>Use for LASE responses to identify acquisition advice code associated with the identified material.</i>				
		AJ	Utilization Code				
			<b>DLMS Note:</b> 1. Under DLSS, this is the first position of the document serial number.  2. DLMS enhancement; see introductory DLMS note 4a.				
		EU	Request Code				
			<b>DLMS Note:</b> <i>Use for LASE inquiries to identify the request code.</i>				
		GQ	Group Qualifier Code				
			<b>DLMS Note:</b>				

		<p><i>Use to identify the Material Management Aggregation Code (MMAC) for NSNs to be managed by a specific manager (i.e., System, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element meaningful to the Air Force only. Non-Air Force components perpetuate without action.</i></p> <p><i>A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.</i></p>
COG		<p>Cognizance Symbol</p> <p><b>DLMS Note:</b></p> <p><i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></p>
IMC		<p>Item Management Code</p> <p><b>DLMS Note:</b></p> <p><i>Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></p>
MCC		<p>Material Control Code</p> <p><b>DLMS Note:</b></p> <p><i>Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></p>
SMI		<p>Special Material Identification Code</p> <p><b>DLMS Note:</b></p> <p><i>Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.</i></p>

LQ02	1271	<b>Industry Code</b>	X	AN	1/30	Used	1
		<b>Description:</b> Code indicating a code from a specific industry code list					

QTY

Quantity

Pos: 320

Max: 1

Detail - Optional

Loop: QTY

Elements: 3

User Option (Usage): Used

To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

DLMS Note:

Use the 2/QTY/320 loop for LASE responses to identify quantities associated with support of the desired material.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use	1
		<b>Description:</b> Code specifying the type of quantity					
		<b>Federal Note:</b> <i>Use any code.</i>					
		<b>DLMS Note:</b> <i>For DLMS use only the following codes are authorized.</i>					
		<u>Code</u>	<u>Name</u>				
		17	Quantity on Hand				
		<b>DLMS Note:</b>					
		<i>Use to identify the total peacetime assets consisting of total system onhand assets in supply condition codes A, B, C, and D less Other War Reserve Material Requirements Protectable (OWRMRP) assets.</i>					
		63	On Order Quantity				
		<b>DLMS Note:</b>					
		<i>Use to identify the total quantity due-in on purchase request from procurement instrument sources less any quantity on backorder that was not applied to net due-in on contract.</i>					
		BA	Due-In				
		<b>DLMS Note:</b>					
		<i>Use to identify the total quantity due-in on contract from procurement instrument sources less the quantity on backorder.</i>					
		XA	Total of Issuable Assets				
		<b>DLMS Note:</b>					
		<i>Use to identify the total quantity of onhand assets consisting of OWRMRP and supply condition codes A, B, C, and D inventory.</i>					
		XB	Total System Backorder Quantity, High Priority				
		<b>DLMS Note:</b>					
		<i>Use to identify total system backorders for priorities 1-8.</i>					
		XC	Total Service Backorder Quantity, High Priority				
		<b>DLMS Note:</b>					
		<i>Use to identify the total backorder quantity of priorities 1-8 applicable to the parent service of the activity initiating the request.</i>					

XD	Total System Backorder Quantity, Low Priority
	<b>DLMS Note:</b> <i>Use to identify total system backorders for priorities 9-15.</i>
XE	Total Service Backorder Quantity, Low Priority
	<b>DLMS Note:</b> <i>Use to identify the total backorder quantity for priorities 9-15 applicable to the parent service of the activity initiating the request.</i>
XJ	Other War Reserve Material Requirements Protectable (OWRMRP) Quantity
	<b>DLMS Note:</b> <i>Use to identify total system OWRMRP on hand assets.</i>
YA	Total Demand Quantity
	<b>DLMS Note:</b> <i>Use to identify the total system quarterly forecast of demands.</i>

QTY02	380	<b>Quantity</b>	X	R	1/15	Used	1
		<b>Description:</b> Numeric value of quantity <b>Federal Note:</b> <i>Express as a whole number with no decimal.</i> <b>DLMS Note:</b> <i>A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See Introductory DLMS note 4d.</i>					
QTY03	C001	<b>Composite Unit of Measure</b>	O	Comp		Used	1
		<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)					
	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>DLMS Note:</b> <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes. All valid standard codes are used.</i>					

N1	Name	Pos: 450 Detail - Optional Loop: N1	Max: 1 Elements: 4
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User Option (Usage): Used

To identify a party by type of organization, name, and code

- Syntax Rules:
- 1. R0203 - At least one of N102 or N103 is required.
  - 2. P0304 - If either N103 or N104 is present, then the other is required.

- Comments:
- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
  - 2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 2/N1/450 loop to identify the organization to receive the transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Federal Note:</b> <i>Use any code.</i> <b>DLMS Note:</b> <i>1. Use only one of codes 33 or Z4.</i>  <i>2. For DLMS use, only the following codes are authorized.</i>	M	ID	2/3	Must use	1
		<b>Code</b> 33  Z4					
		<b>Name</b> Inquiry Address <b>DLMS Note:</b> <i>Use to indicate the activity submitting the asset support request.</i>					
		Owning Inventory Control Point					
N103	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used	1
		<b>Code</b> 1  9  10  M4					
		<b>Name</b> D-U-N-S Number, Dun & Bradstreet <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i> D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i> Department of Defense Activity Address Code (DODAAC) <b>DLMS Note:</b> <i>DLMS enhancement; see introductory DLMS note 4a.</i> Department of Defense Routing Identifier Code (RIC)					

**DLMS Note:**

1. Future streamlined data; see introductory DLMS note 4c.

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

N104	67	<b>Identification Code</b>	X	AN	2/80	Used	1
		<b>Description:</b> Code identifying a party or other code					
N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used	1
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual					

**Code**

TO

**Name**

Message To

**Federal Note:**

Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.



SE

Transaction Set Trailer

Pos: 020

Summary - Mandatory

Loop: N/A

Max: 1

Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:  
1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Federal Note:</b> Cite the same number as the one cited in ST02.	M	AN	4/9	Must use	1